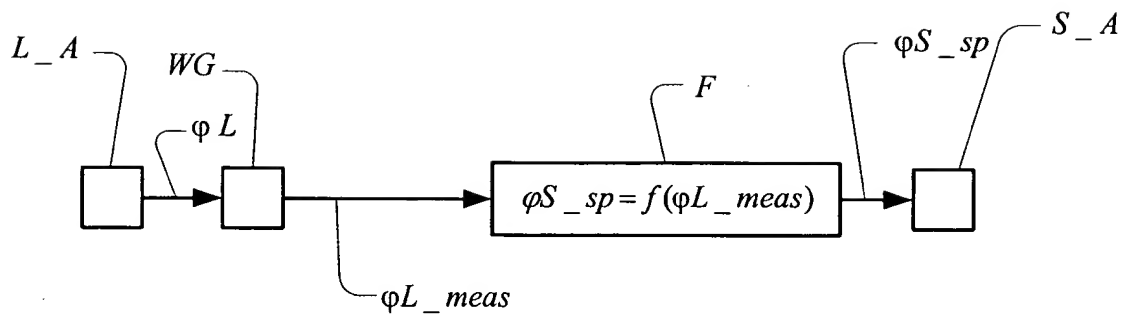
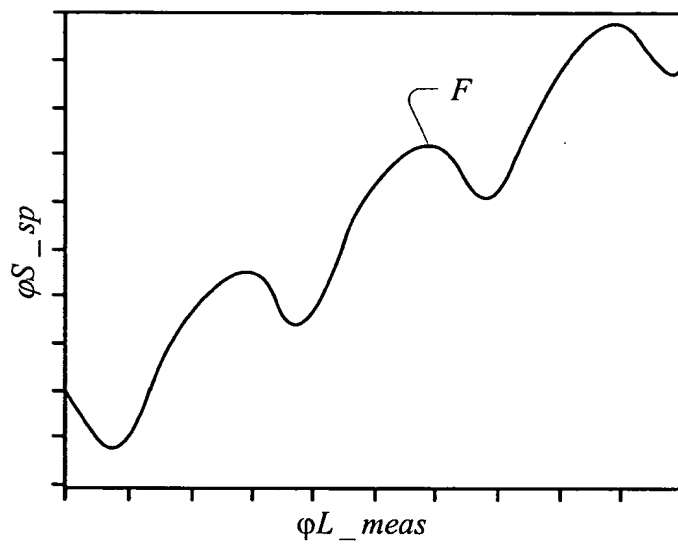


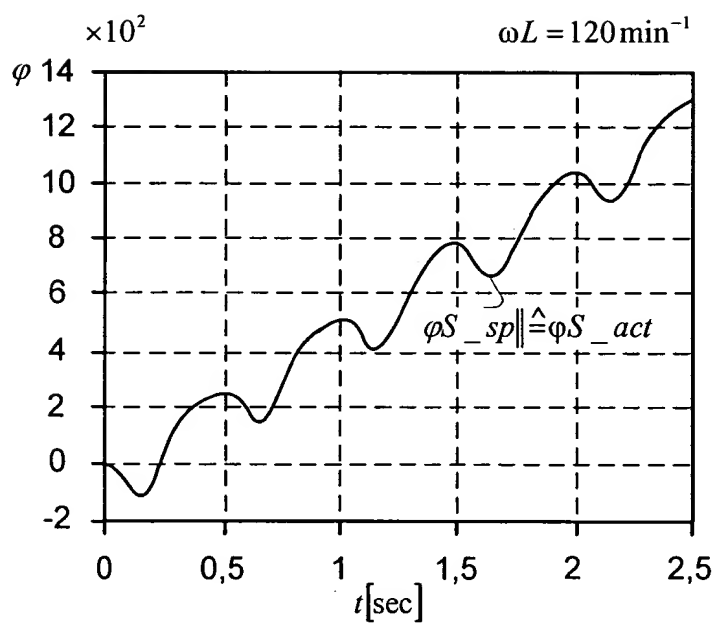
**FIGURE 1**



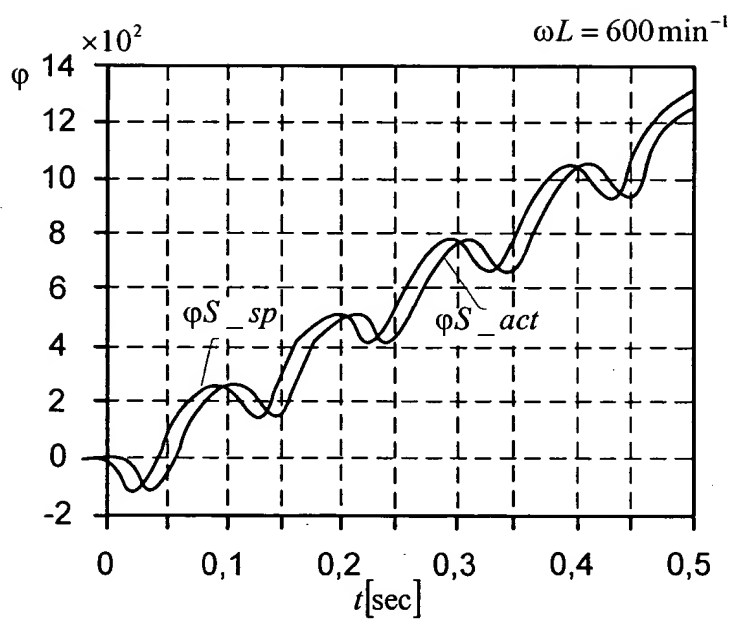
**FIGURE 2**



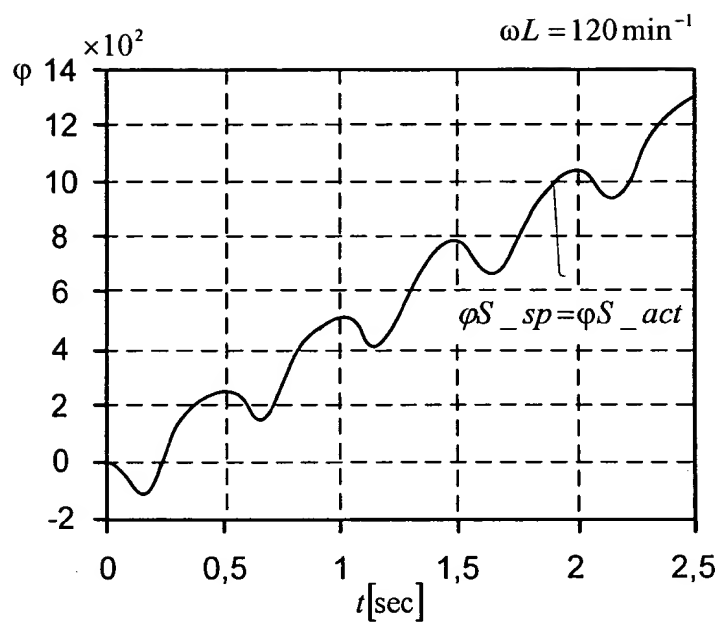
**FIGURE 3**



**FIGURE 4**

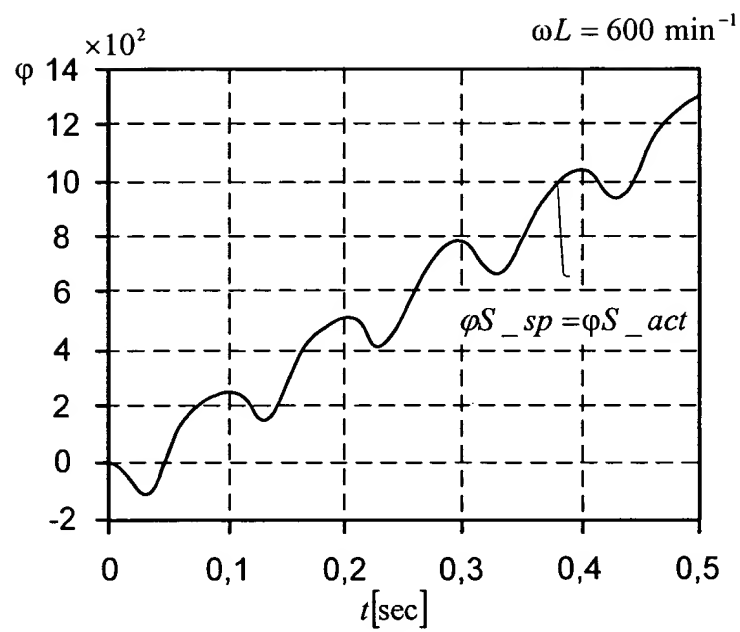


**FIGURE 5**



$$\varphi S_{sp} = \varphi S_{act}$$

**FIGURE 6**



**FIGURE 7**